Repair

Interior Texture Sprayers

Zip-Tex™ 900

311774D

For Water-Based Materials Only

Models: 254983

60 psi (0.42 MPa, 4.2 bar) Maximum Fluid Working Pressure

Important Safety Instructions
Read all warnings and instructions in this manual.
Save these instructions.

Related Manuals

311969

311766

Model 254983 Shown

US C
Conforms to ANSI/UL standard 1450

Warnings

The following are general warnings related to the setup, use, grounding, maintenance and repair of this equipment. Additional, more specific warnings may be found throughout the body of this manual where applicable. Symbols appearing in the body of the manual refer to these general warnings. When these symbols appear through the manual, refer back to these pages for a description of the specific hazard.

Warnings

Fire and Explosion Hazard

Improper grounding, poor ventilation, open flames or sparks can cause a hazardous condition and result in fire or explosion and serious injury.

- The system is for use with water-based materials only. Only use fluids compatible with the equipment. Refer to Technical Data of all equipment manuals. Read fluid and solvent manufacturers warnings.
- Ground all equipment in the work area. See **Grounding and Electrical Requirements**, page 6.
- If there is any static sparking or you feel an electric shock while using this equipment, stop spraying immediately. Do not use the equipment until you identify and correct the problem.
- Keep work area free of debris, including solvent, rags and gasoline.
- Comply with all applicable state and national fire, electrical and safety regulations.
- Keep a fire extinguisher in the work area.

Equipment Misuse Hazard

Equipment misuse can cause equipment to rupture, malfunction, or start unexpectedly and cause serious injury.

- Before operating this equipment, read all manuals, tags, and labels, including material labels and instructions.
- Do not expose system to rain. Always store system indoors.
- Do not alter or modify equipment.
- Do not spray cementitious materials.
- Do not exceed maximum working pressure of lowest rated component in your system.
- Check equipment daily. Repair or replace worn or damaged parts immediately.
- To reduce risk of serious injury, including electric shock and splashing fluid in eyes, follow **Pressure Relief Procedure** on page 6 before servicing the unit.
- Do not kink or over bend hoses or use hoses to pull equipment.
- Route hoses away from traffic areas, sharp edges, moving parts and hot surfaces. Do not expose hoses to temperatures above 130 F (55 C) or below -35 F (-37 C).
- Air hoses at the compressor end, can get very hot! Allow sprayer to cool down 15 minutes before removing air hose.
- Store hazardous fluid in an approved container. Dispose of hazardous fluid according to all local, state and national guidelines.
- Never directly inhale compressed air. Compressed air may contain toxic vapors.

Warnings

Electric Shock Hazard

To reduce the risk of electric shock:

- Be sure sprayer is adequately grounded through electrical outlet, page 6.
- Use only 3-wire, extension cords.
- Make sure ground prongs are intact on sprayer and extension cords.
- Do not operate with cover removed.
- Turn off sprayer. Follow **Pressure Relief Procedure, page 6,** and unplug unit, before removing any parts.

Pressurized Equipment Hazard

Fluid from gun, leaks or ruptured components can splash in the eyes or on skin and cause serious injury.

- Follow **Pressure Relief Procedure, page 6** when you stop spraying and before cleaning, checking or servicing.
- Do not point spray gun at anyone; put hand, fingers or rag over nozzle, or stop or deflect leaks with your hand, body, glove, or rag.
- Wear protective clothing, gloves, and eyewear.

Cleaning Solvent Hazard with Plastic Parts

Use only compatible water-based solvents to clean plastic structural or pressure-containing parts. Many solvents can degrade plastic parts to the point where they could fail. Such failure could cause serious injury or property damage. See Technical Data on page 29 of this instruction manual and in all other equipment manuals. Read fluid and solvent manufacturer's warnings.

Burn Hazard

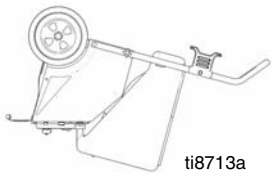
Equipment surfaces and fluid that's heated can become very hot during operation. To avoid severe burns, do not touch hot fluid or equipment. Wait until equipment/fluid has cooled completely.

Personal Protective Equipment

You must wear appropriate protective equipment when operating, servicing, or when in the operating area of the equipment to help protect you from serious injury, including eye injury, inhalation of toxic fumes, burns, and hearing loss. This equipment includes but is not limited to:

- Protective eyewear
- Clothing and respirator as recommended by the fluid and solvent manufacturer
- Gloves
- Hearing Protection

CAUTION



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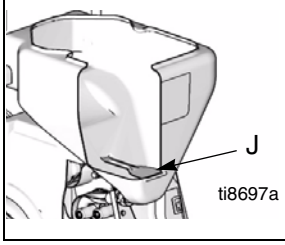
Water or material remaining in unit when temperatures are below freezing can damage motor and/or delay pump startup. To insure water and material are completely drained out of unit:

1. Remove material line from sprayer.
2. Tip sprayer up as shown.

Before adding material or starting unit in cold weather, run warm water through pump.



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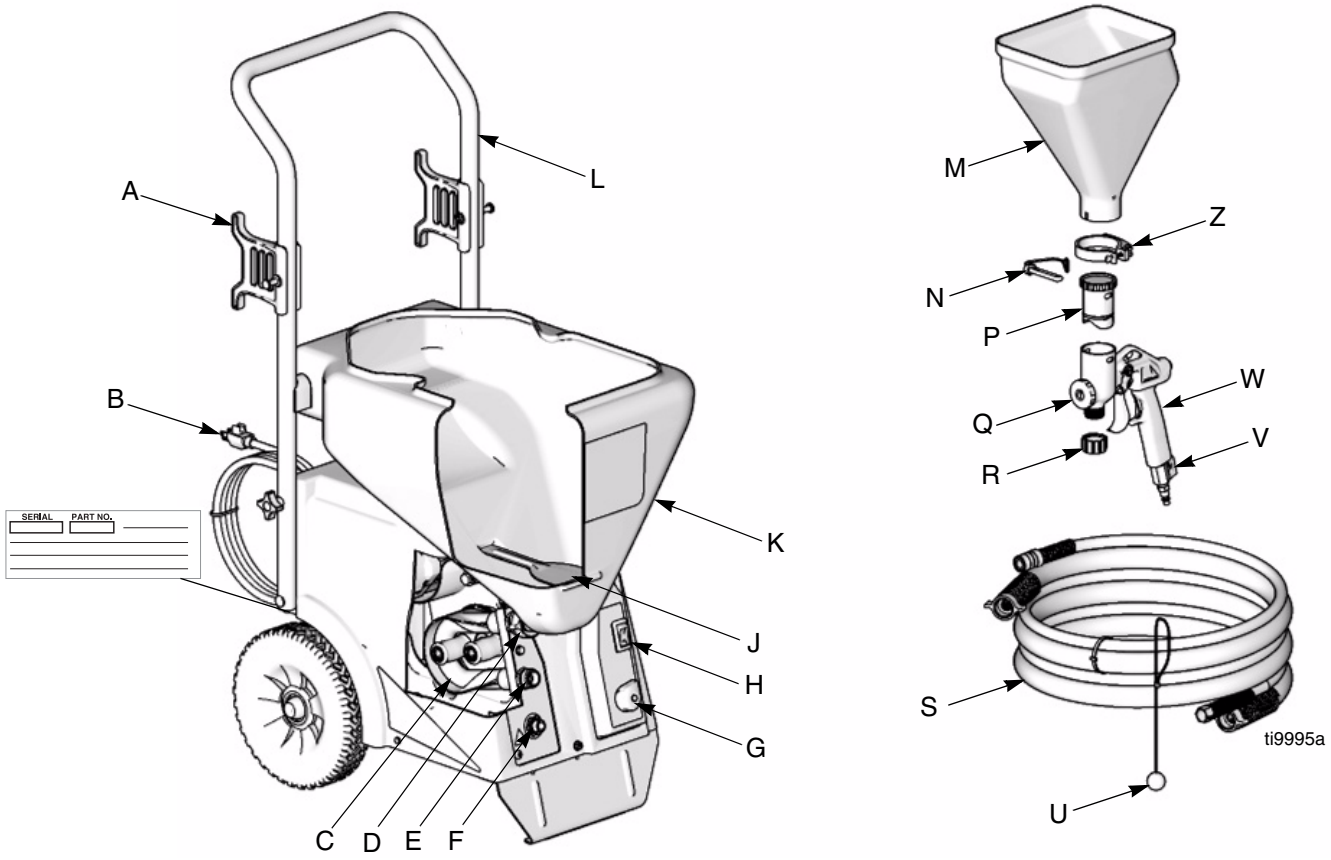
Install burp the guard (J) before adding material to the hopper. When only a small amount of material remains in the hopper, the burp guard prevents material from shooting out when the unit is turned off. This material could splash into the operator's eye or skin.

Component Identification



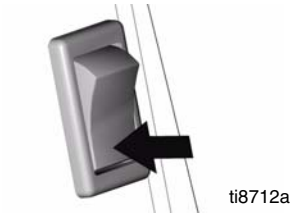
Item	Component	Item	Component
A	Hose Rack/Cord Wrap	M	Touch-Up Hopper (3/4 Gallon)
B	Power Cord	N	Gun Plug Clip
C	RotoFlex™ II Pump (inside)	P	Gun Plug
D	Hopper Fitting (fluid inlet)	Q	Nozzle
E	Material Hose Outlet	R	Hose Plug
F	Air Hose Outlet	S	Material/Air Hose
G	Zip-Tex™ 900 - Hopper Gun/Spray Selector Switch	U	Material Thickness Gauge
H	ON/OFF Switch	V	Gun Air Flow Control Valve
J	Burp Guard	W	Texture Spray Gun (manual 311969)
K	Zip-Tex™ 900 - Material Hopper, 8 Gallon	Z	Hopper Clamp
L	Handle		

Pressure Relief Procedure

To reduce risk of injury, follow this procedure whenever you see this symbol throughout this manual, Also, perform this procedure whenever you:

- Stop spraying.
- Check or repair any part of this system.
- Install or clean spray nozzle.

1. Turn Power Switch OFF.



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2. Trigger gun into material hopper.

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3. Open gun air valve.

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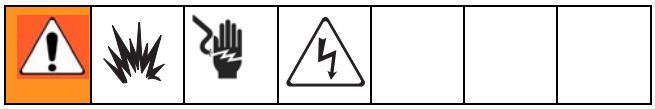
Grounding and Electrical Requirements

This sprayer must be grounded. Grounding reduces the risk of electrical shock by providing an escape wire for the electrical current. The sprayer cord includes a grounding wire with an appropriate grounding plug. The plug must be plugged into an outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Check with a qualified electrician or if grounding instructions are not completely understood, or if in doubt as to whether the product is properly grounded. Do not modify plug provided; if it will not fit the outlet, have proper outlet installed by a qualified electrician.



120V AC Systems

- This equipment requires a 120V AC, 60 Hz, 15A circuit with a grounding receptacle. Do not use an adapter with this product.

Extension Cords

- Use only an extension cord with an undamaged, 3-prong plug.
- For 25 to 50 ft (7.6 to 15.2 m) cords, use 3-wire, 14 AWG (1.5 mm^2) minimum.
- For up to 100 ft. (30.48 m) cord, use 3-wire, 12 AWG (2.5 mm^2) minimum.

Auxiliary Air Compressor

Do not use an auxiliary air compressor with this spray system.

Generator Requirements

3500 W (3.5 KW) minimum.

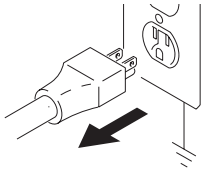
Hose Size and Length

The system comes with a hose set consisting of a 3/4 in. ID x 25 ft (25 mm x 7.6 m) material hose and a 3/8 in-ID air hose.

Shroud Removal

Disassembly

1. **Relieve Pressure**, page 6.
2. Unplug sprayer from outlet.



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3. Loosen bottom hopper fitting by hand and pull hopper up and off from handle.

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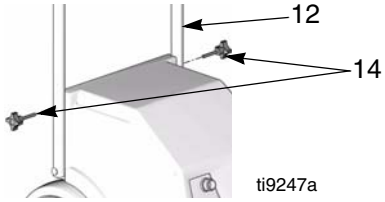
4. Loosen and remove 2 knobs (14) on sprayer handle (12).



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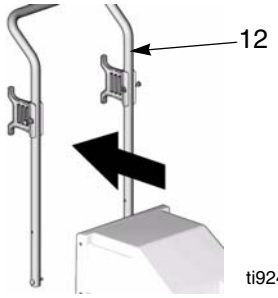
5. Spread sprayer handle (12) apart and remove from sprayer.



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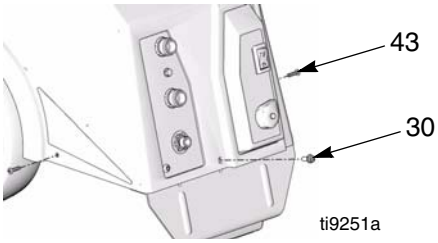
6. Loosen screws (30) and (43) on shroud.



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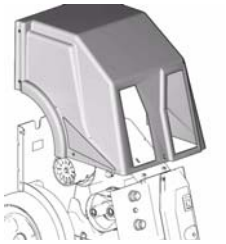
7. Lift bottom front of shroud and pull up and over front control to remove.



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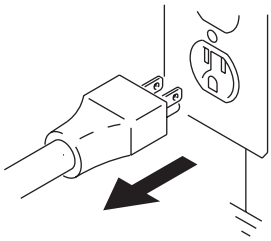
Reassembly

1. Replace shroud, pull over front controls and push down until shroud snaps into place.
2. Replace and tighten screws (30) and (43).
3. Spread sprayer handle apart and slide handle down into place.
4. Tighten 2 knobs (14) on sprayer handle (12).
5. Replace hopper and tighten hopper fitting by hand until snug.

RotoFlex™ II Pump

Disassemble

1. **Relieve Pressure**, page 6.
2. Unplug sprayer from outlet.



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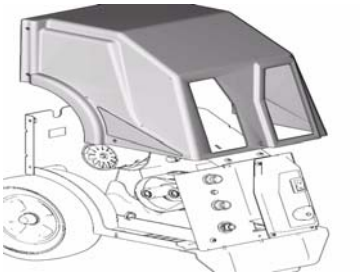
3. Remove **Shroud**, page 7.
4. Loosen and remove screw (28) on hose bracket.



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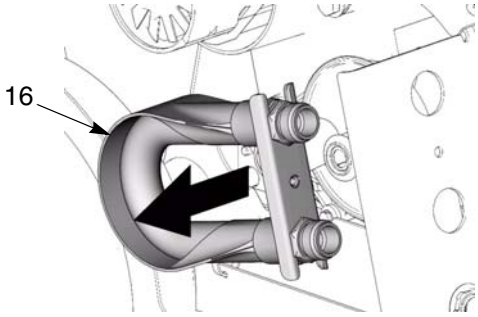
5. Grab pump hose (16) from side of unit and remove pump hose by hand.



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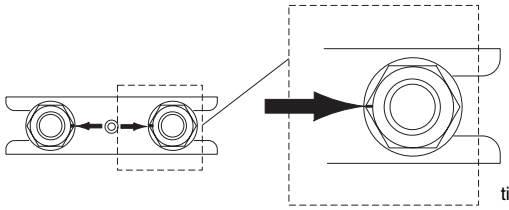
Reassemble

1. Bend hose (16) so colored dots on hose fittings face each other.



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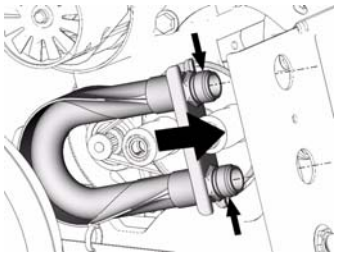
2. Slide new pump hose (16) over rollers. Move pump rollers by hand to rotate rollers until they are positioned correctly with pump hose.



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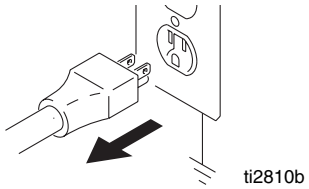
3. Feed pump fittings through front of sprayer.
4. Replace and tighten screw (28) on hose bracket.
5. Replace **Shroud**, page 7.
6. To break in new pump, add 1 cup of water to pump and run for 3 minutes.

Compressor

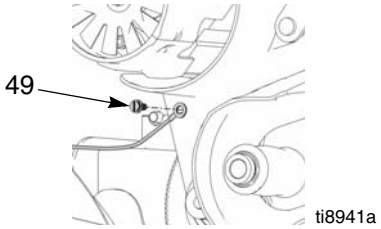
Use Compressor Repair Kit, 288612.

Disassembly

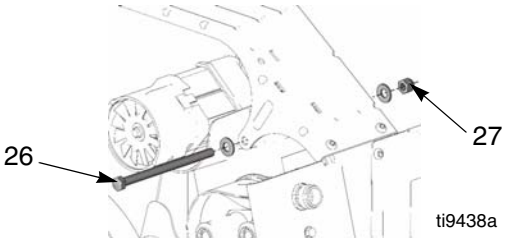
1. **Relieve Pressure,** page 6.
2. Unplug sprayer from outlet.



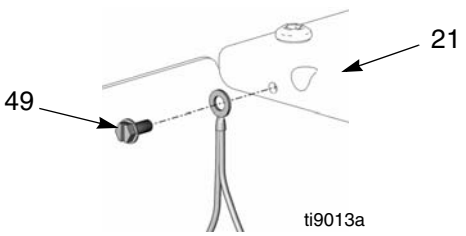
3. Remove **Shroud**, page 7.
4. Remove **RotoFlex™ II Pump** hose, page 8.
5. Unscrew and remove grounding screw (49) from compressor.



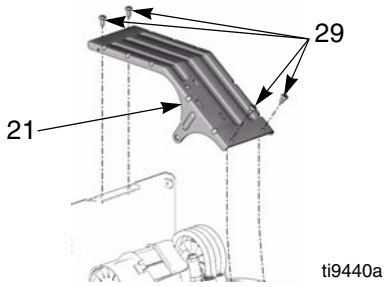
6. Use 9/16 in. socket and wrench to remove pivot bolt (26) and nut (27).



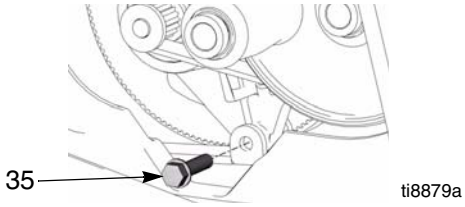
7. Unscrew and remove second grounding screw (49) from bracket (21).



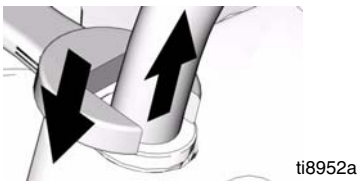
8. Remove 4 screws (29) and lift bracket (21) off of compressor.



9. Remove shoulder bolt (35) holding pump frame to cylinder bracket.

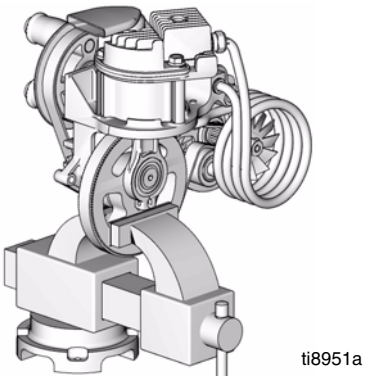


10. Use a wrench to push down on push-to-connect fitting and pull out all nylon hoses.



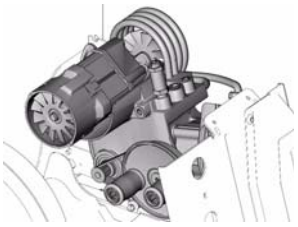
11. Disconnect all electrical wire connectors, see **Wiring Diagram**, page 24.
12. Thoroughly clean inside housing, removing dust and debris.

To service the compressor, remove it from the sprayer body and place in a vice. Tighten the vice onto the main pulley to hold the compressor in place while servicing.



Reassembly

1. Carefully position compressor back into sprayer body. Make sure piston head is facing front of sprayer.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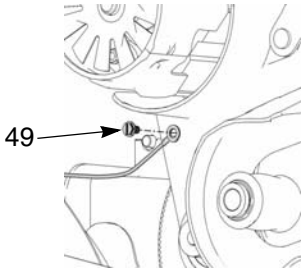
ti9442a

2. Replace and tighten grounding screw (49).



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3. Reattach air lines to compressor.

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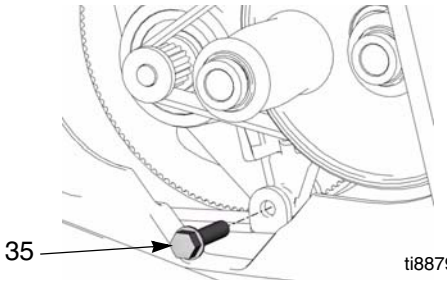
4. Reattach 2 wires to compressor see **Wiring Diagram**, page 24.

5. Replace air cylinder and tighten shoulder bolt (35) to lock into place.



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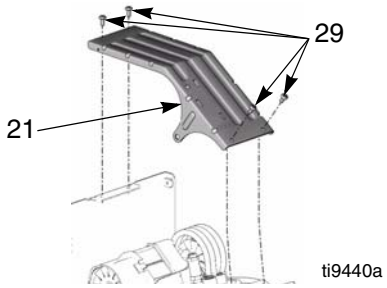
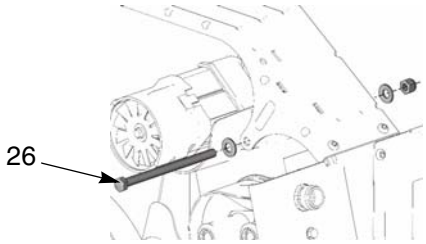
6. Replace bracket (21) and tighten 4 screws (29).



ti9440a

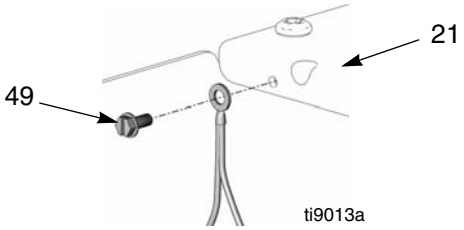
7. Replace grounding screw (49) and tighten onto bracket (21).

8. Replace pivot bolt (26) and use 9/16 in. socket and wrench to tighten into place. Tighten screw until spring washers are flattened.



ti9438a

9. Replace and tighten second grounding screw (49) to bracket (21).



ti9013a

10. Replace **RotoFlex™ II Pump** hose; page 8.

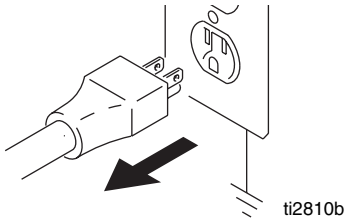
11. Replace **Shroud**, page 7.

Piston/Cylinder

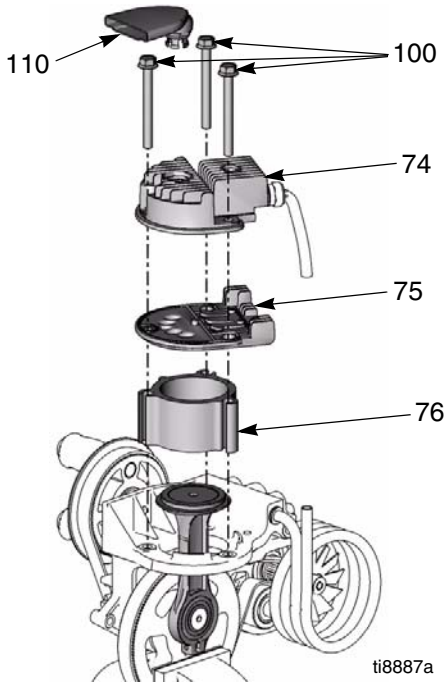
Use Piston/Cylinder Repair Kit 288609.

Disassembly

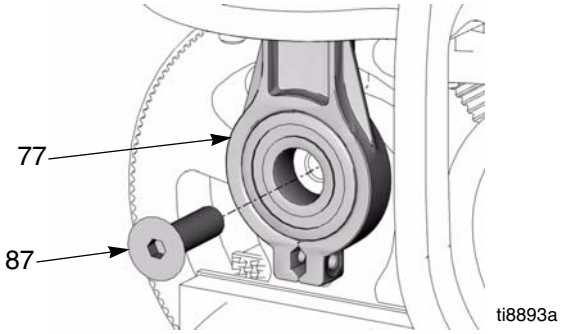
1. **Relieve Pressure**, page 6.
2. Unplug sprayer from outlet.



3. Remove **Shroud**, page 7.
4. Remove **RotoFlex™ II Pump** hose; page 8.
5. Remove **Compressor**, page 9.
6. Remove muffler (110) from head (74) by pulling straight out by hand.
7. Use 1/2 in. socket to remove three bolts (100) from head (74).



8. Use flat-blade screwdriver to pry head (74) from top of valve plate (75) and cylinder (76) from bottom of valve plate (75).
9. Use 7/32 in. allen wrench to remove hex screw (87) from piston rod (77).



Reassembly

CAUTION

Piston and cylinder come packaged together. Do NOT let piston and cylinder come apart. If they do, make sure you drop the piston down through the top of the cylinder and tilt the piston as you pull it through the cylinder. Do NOT push the piston up from the bottom. You could easily damage the piston gasket.

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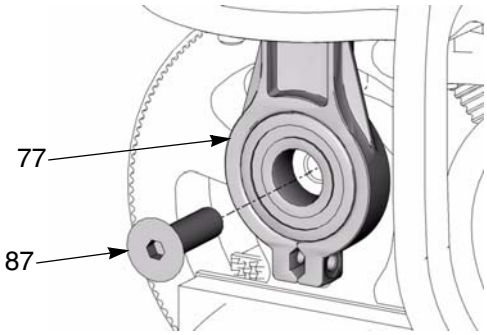
1. Replace piston (77) and cylinder (76) and use 7/32 in. allen wrench to tighten hex screw (87) into piston rod.



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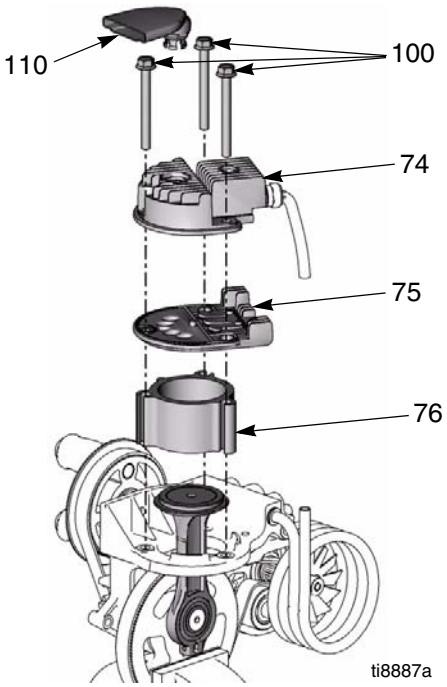
2. Replace valve plate (75) with ribs facing up toward head.



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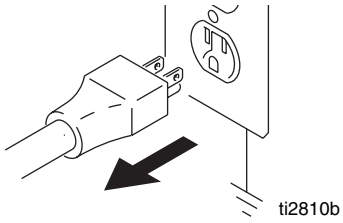
3. Replace three bolts (100) and use 1/2 in. socket to tighten into head (74). Torque all three bolts to 75 in-lb, then torque all bolts again to 210 in-lb.
4. Replace muffler (110) as seen below and press onto head (74) until it snaps into place.
5. Replace **Compressor**, page 9.
6. Replace **RotoFlex™ II Pump** hose; page 8.
7. Replace **Shroud**, page 7.

Valve Plate

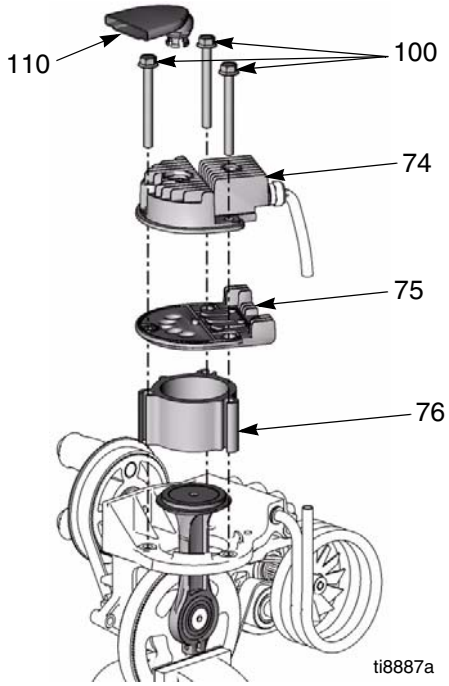
Use Valve Plate Repair Kit 288610.

Disassembly

1. **Relieve Pressure**, page 6.
2. Unplug sprayer from outlet.



3. Remove **Shroud**, page 7.
4. Remove **RotoFlex™ II Pump** hose; page 8.
5. Remove **Compressor**, page 9.
6. Remove muffler (110) from head (74) by pulling straight out by hand.
7. Use 1/2 in. socket to loosen and remove three bolts (100) from head (74).



8. Use flat-blade screwdriver to pry head (74) from top of valve plate (75) and cylinder (76) from bottom of valve plate (75).

Reassembly

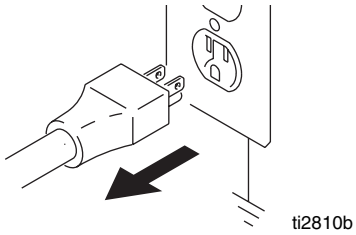
1. Replace valve plate (75) with ribs facing up toward ribs on head (74).
2. Replace three bolts (100) and use 1/2 in. socket to tighten into head (74). Torque all three bolts to 75 in-lb, then torque all bolts again to 210 in-lb.
3. Replace **Compressor**, page 9.
4. Replace **RotoFlex™ II Pump** hose; page 8.
5. Replace **Shroud**, page 7.

Motor

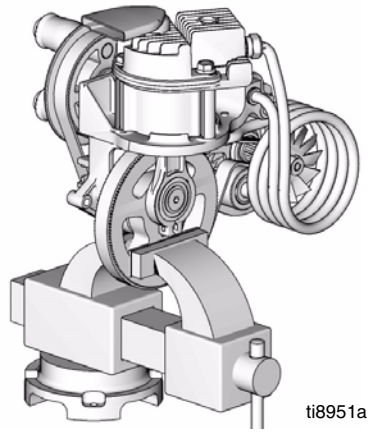
Use Motor Repair Kit 288613.

Disassembly

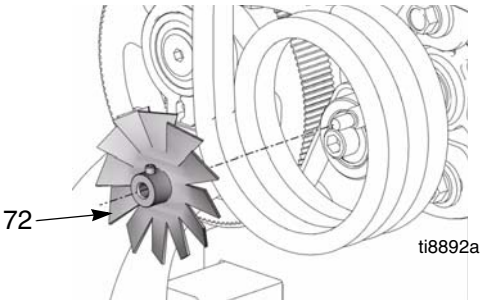
1. **Relieve Pressure**, page 6.
2. Unplug sprayer from outlet.



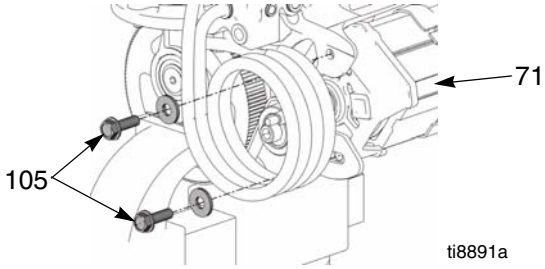
3. Remove **Shroud**, page 7.
4. Remove **RotoFlex™ II Pump** hose; page 8.
5. Remove **Compressor**, page 9.
6. Remove compressor from sprayer body and place it in a vice. Tighten the vice onto the main pulley to hold the compressor in place while servicing motor.



7. Loosen set screw and remove fan (72).

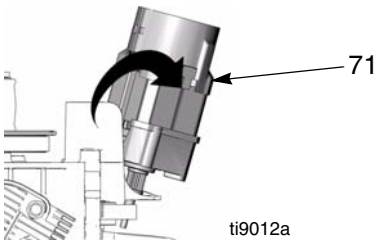


8. Use a box end wrench to loosen and remove two mounting bolts (105) on motor (71).



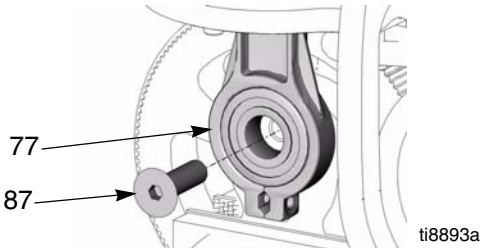
CAUTION
Be careful not to bend or damage the cooling tube when removing it from the motor.

9. Angle motor (71) and slide motor pulley through compressor belt to remove motor from compressor.

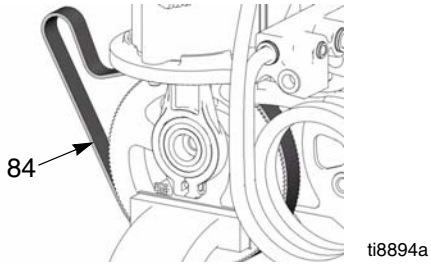


Compressor belt (84) should be replaced every time motor is replaced.

10. Use 7/32 in. allen wrench to remove hex screw (87) from piston rod (77).

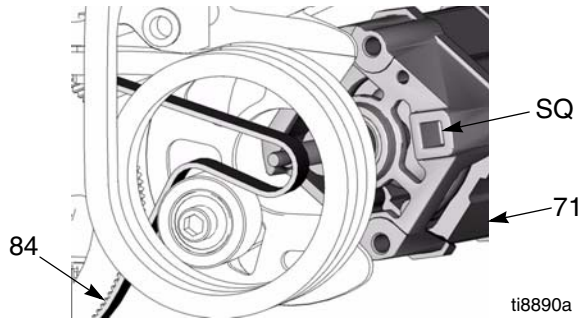


11. Remove compressor belt (84).



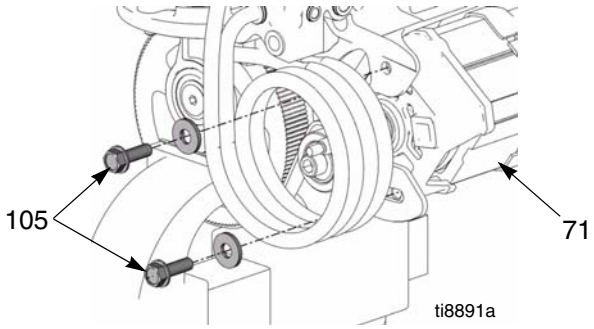
Reassembly

1. Angle motor pulley through compressor belt (84) and pull motor (71) into position.



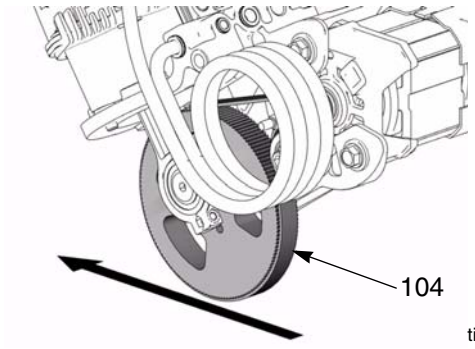
When replacing motor (71), make sure the square-shaped hole (SQ) is facing toward the outside of the compressor. This hole will be used to torque the mounting bolts.

2. Tighten two mounting bolts (105) on motor (71) until snug, then back 1/8 of a turn.



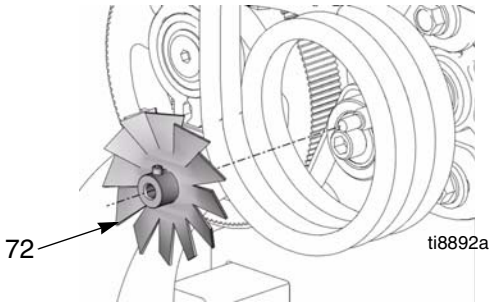
3. Insert torque wrench into square hole (SQ) on motor and torque motor to 130-150 in-lb (this may require two people; one to torque while the other tightens mounting bolts). Tighten motor bolts (105).

4. Take compressor out of vice and rotate pump pulley (104) one full revolution to seat the belt properly.



5. Place compressor back into vice and torque bolts as described in steps 2 and 3.

6. Replace fan (72) and tighten set screw.



7. Replace **Compressor**; page 9.

8. Replace **RotoFlex™ II Pump** hose; page 8.

9. Replace **Shroud**, page 7.

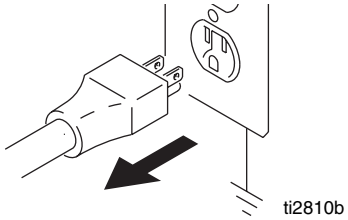
Cooling Tube

Use Cooler Repair Kit 288614.

The cooling tube is extremely hot and can cause serious burns. Allow unit to completely cool before servicing the cooling tube.

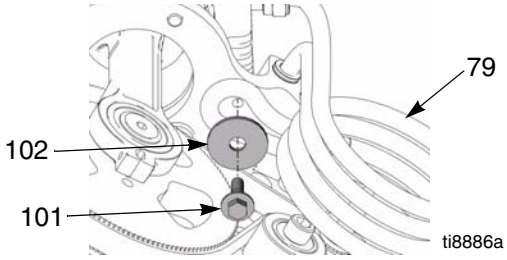
Disassembly

1. **Relieve Pressure,** page 6.
2. Unplug sprayer from outlet.



ti2810b

3. Remove **Shroud**, page 7.
4. Remove **RotoFlex™ II Pump** hose; page 8.
5. Remove **Compressor**, page 9.
6. Use 3/8 in. socket to remove screw (101) and washer (102) under cooling tube (79).

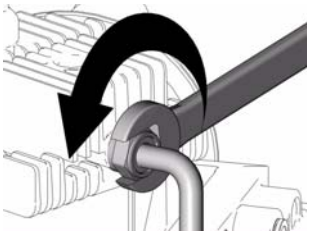


ti8886a

7. Use wrench to push against fitting (86) and carefully pull cooling tube (79) out.

ti8952a

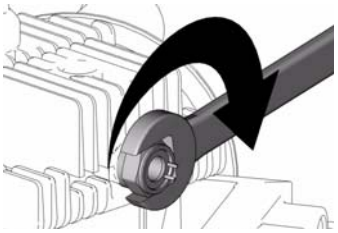
8. Use 5/8 in. wrench to unscrew cooling tube fitting.



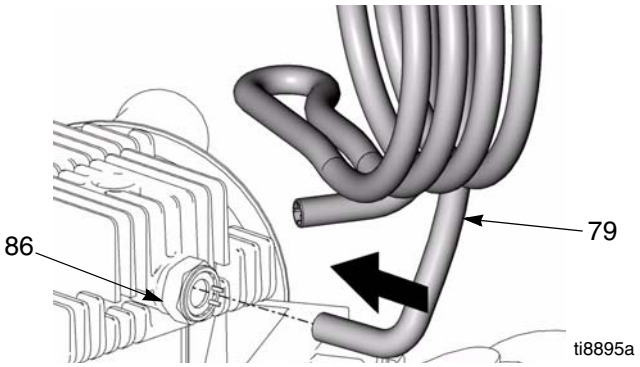
ti8944a

Reassembly

1. Insert new cooling tube fitting and use 5/8 in. wrench to tighten.

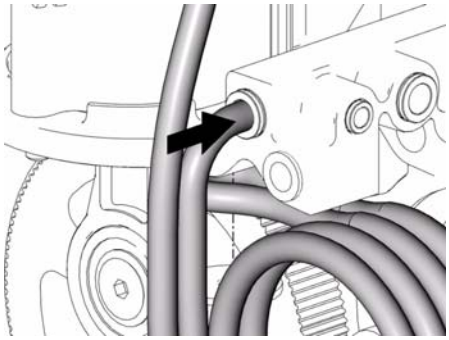


2. Insert cooling tube (79) and push into new fitting (86). Make sure tube is fully seated.

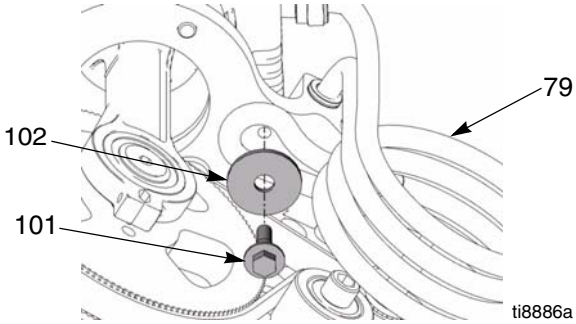


CAUTION
When replacing cooling tube, make sure coil is facing up when you push the tubing into the fitting. If you push from any other angle you could bend or damage the tube.

3. Rotate cooling tube around and insert free end into push-to-connect fitting. Make sure tube is fully inserted.



4. Replace screw (101) and washer (102) under cooling tube (79) and use 3/8 in. socket to tighten.



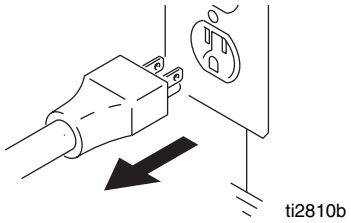
5. Replace **Compressor**; page 9.
6. Replace **RotoFlex™ II Pump** hose; page 8.
7. Replace **Shroud**, page 7.

Idler

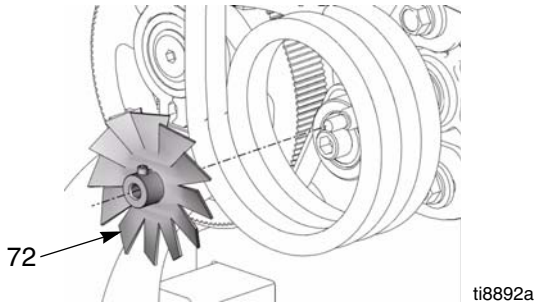
Use Idler Repair Kit 288611.

Disassembly

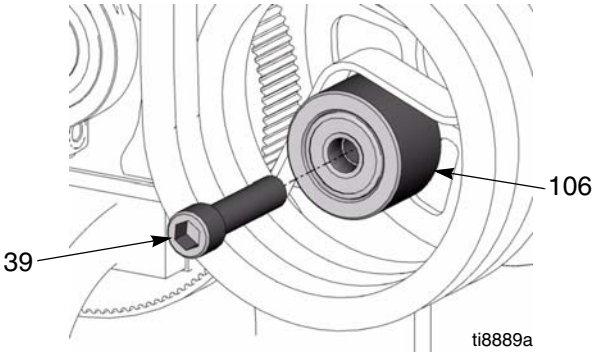
1. **Relieve Pressure**, page 6.
2. Unplug sprayer from outlet.



3. Remove **Shroud**, page 7.
4. Remove **RotoFlex™ II Pump** hose; page 8.
5. Remove **Compressor**, page 9.
6. Remove compressor belt, page 14.
7. Loosen set screw and remove fan (72).



8. Loosen screw (109) and remove Idler (108).



Every time you replace the Idler you should also replace the compressor belt, page 14.

Reassembly

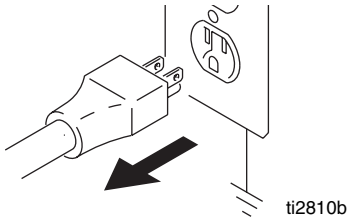
1. Install new compressor belt, page 14.
2. Replace new Idler (108) and tighten screw (109).
3. Replace fan (72) and tighten set screw.
4. Replace **Compressor**, page 9.
5. Replace **RotoFlex™ II Pump** hose; page 8.
6. Replace **Shroud**, page 7.

Roller Pulley/Belt

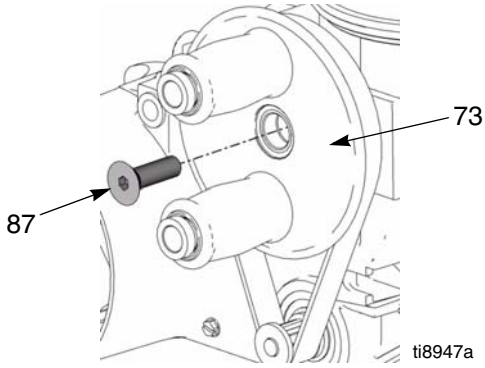
Use Roller Pulley Repair Kit 288616.

Disassembly

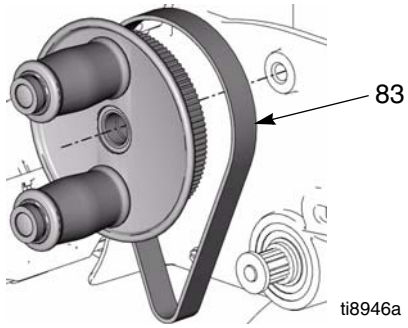
1. **Relieve Pressure**, page 6.
2. Unplug sprayer from outlet.



3. Remove **Shroud**, page 7.
4. Remove **RotoFlex™ II Pump** hose; page 8.
5. Remove **Compressor**, page 9.
6. Use 7/32 in. allen wrench to loosen roller mounting bolt (87) and remove roller pulley (73).



7. Remove belt (83) and discard.



Every time you replace the roller pulley, you should also replace the belt.

Reassembly

1. Install new compressor belt (83).
2. Loop belt over roller pulley and align roller with bolt hole.
3. Use 7/32 in. allen wrench to tighten bolt (87) to 20 ± 2 ft-lb.
4. Replace **Compressor**, page 9.
5. Replace **RotoFlex™ II Pump** hose; page 8.
6. Replace **Shroud**, page 7.

Selector Switch Knob

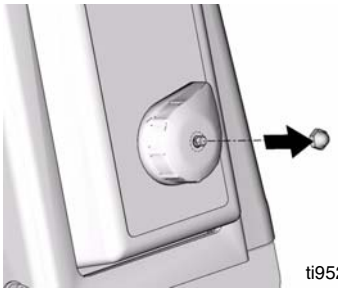
Use Knob Repair Kit 288756.

Disassembly

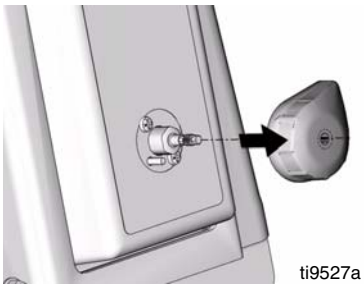
1. Turn selector switch knob clockwise as far as it will go.

ti9525a

2. Use wrench to remove nut from knob.


ti9526a

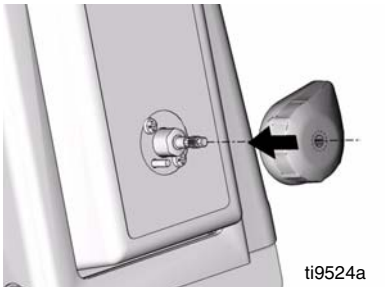
3. Pull knob straight off from sprayer.


ti9527a

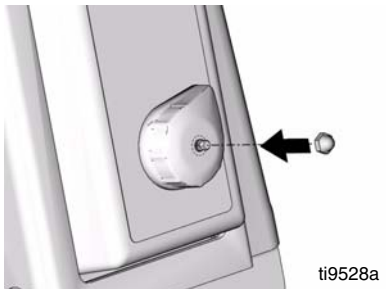
Once knob has been removed, don't move the exposed spline. If it is moved, use your fingers to turn it clockwise as far as it will go for a tight fit prior to reassembly of knob. This will properly align knob to spline.

Assembly

1. Position new knob to point right (approximately 45° from vertical) and slide it onto exposed spline.


ti9524a

2. Apply Locktite (1 drop or small amount) to knob nut and tighten with wrench.

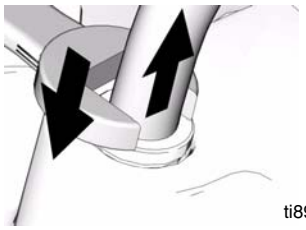

ti9528a

Regulator Valve

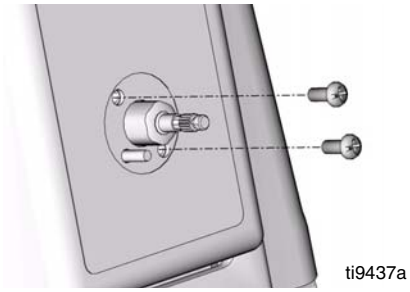
Use Regulator Repair Kit 288757

Disassembly

1. Remove **Knob**, page 20.
2. Remove **Shroud**, page 7.
3. Use wrench to push against fitting (86) and carefully pull cooling tube (79) out.



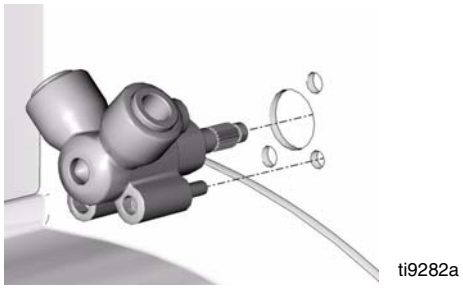
4. Use phillips screwdriver to remove two screws.



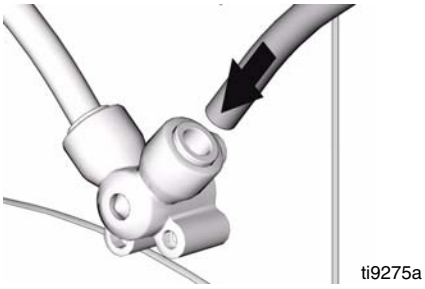
5. Remove old regulator valve.

Assembly

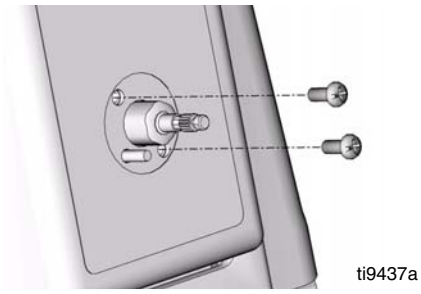
1. Replace new regulator valve and feed through 3 holes on side of sprayer.



2. Reattach two air lines.

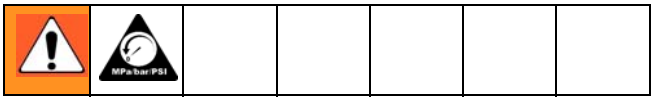


3. Replace two screws and tighten with phillips screwdriver.



4. Replace **Knob**, page 20.
5. Replace **Shroud**, page 7.

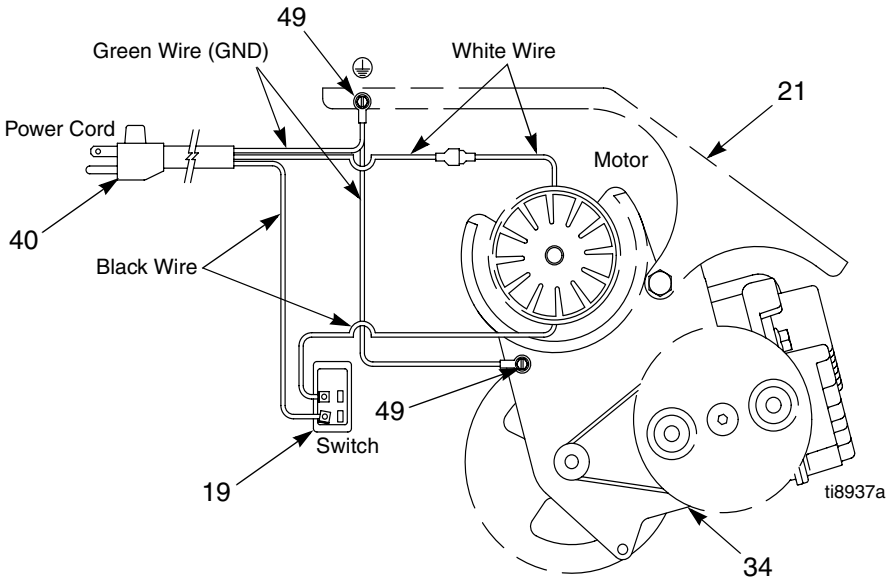
Troubleshooting



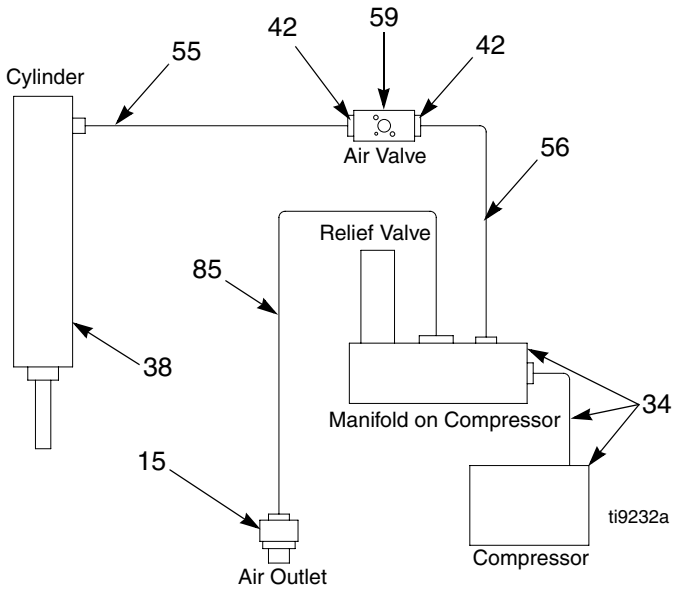
Problem	Cause	Solution
Sprayer won't run	Power switch not on	Turn switch ON.
	No power at wall outlet	Check outlet by plugging in another appliance. If appliance does not work, try another outlet.
	Wrong size generator	Use a 3500 watt or larger generator. Refer to Generator Requirements, page 6.
	Breaker tripped	Reset breaker.
Pump won't pump material	Air lock	Open air valve on gun.
	Selector switch in wrong position	Move selector switch to correct position for application.
	Mix too thick	Add water to thin material. Use Material Thickness Gauge.
	Loose fittings	Check and retighten all fittings.
	Plugged gun	**Relieve Pressure,** page 6. Remove gun from hose. Clean gun.
	Pump hose worn out	Replace hose. Recommended hose replacement - once every year.
	Pump cold	Move pump to warm room and allow it to warm up or run hot water through sprayer.
Material runs out of bottom of sprayer	Pump hose worn out	Replace hose.
	Loose fittings	Check and retighten all fittings.
No air from compressor	Gun air valve closed	Open gun air valve.
	Low voltage	Check extension cord length and gauge. Replace if different than recommended. Refer to Grounding and Electrical Requirements, page 6.
	Gun needle plugged	Clean needle and retry.
	Worn compressor	Replace compressor. Contact an authorized ASM Service Center.
	Lines not connected	Check all quick disconnect connections to gun and hoses.
	Damaged hose	Replace hose.

Problem	Cause	Solution
Speed of application slow or slower	Material too thick	Thin material.
	Nozzle too small	Change nozzles to a larger size. See Operation manual 311768.
	Too much air being used.	Partially close gun air valve to reduce air flow.
	Pump hose worn	Replace hose.
	Plugged or dirty gun	**Relieve Pressure**, page 6. Clean gun.
	Kinked hose	Unkink hose.
	Gun adjustment set too low	Increase flow adjustment with flow adjustment nut.
	Too many items on same circuit	Unplug other items from circuit.
	Extension cord too long or wrong gauge	Use a different extension cord. Refer to Grounding and Electric Requirements, page 6.
Intermittent flow/sputtering	Hopper connection not tight	Check gasket. TIghten connection.
	Debris in system	Clean system.
Quick disconnect does not stay connected.	Dirty or corroded fitting	Clean thoroughly. Soak in oil. Apply a few drops of light oil.
Gun will not shut off	Worn nozzle or needle.	**Relieve Pressure**, page 6. Replace worn parts.
	Debris in needle passage	**Relieve Pressure**, page 6. Clean.
Fluid leaking at Flow Adjustment Nut	Damaged seal.	**Relieve Pressure**, page 6. Replace seal.
Fluid leaking out of either plug	Missing or damaged o-rings	**Relieve Pressure**, page 6. Replace o-rings.
	Gun damaged	Replace gun.
Needle adjustment won't adjust	Dirty threads	Clean threads.
	Nozzle not on gun	Put nozzle on gun.

Wiring Diagram

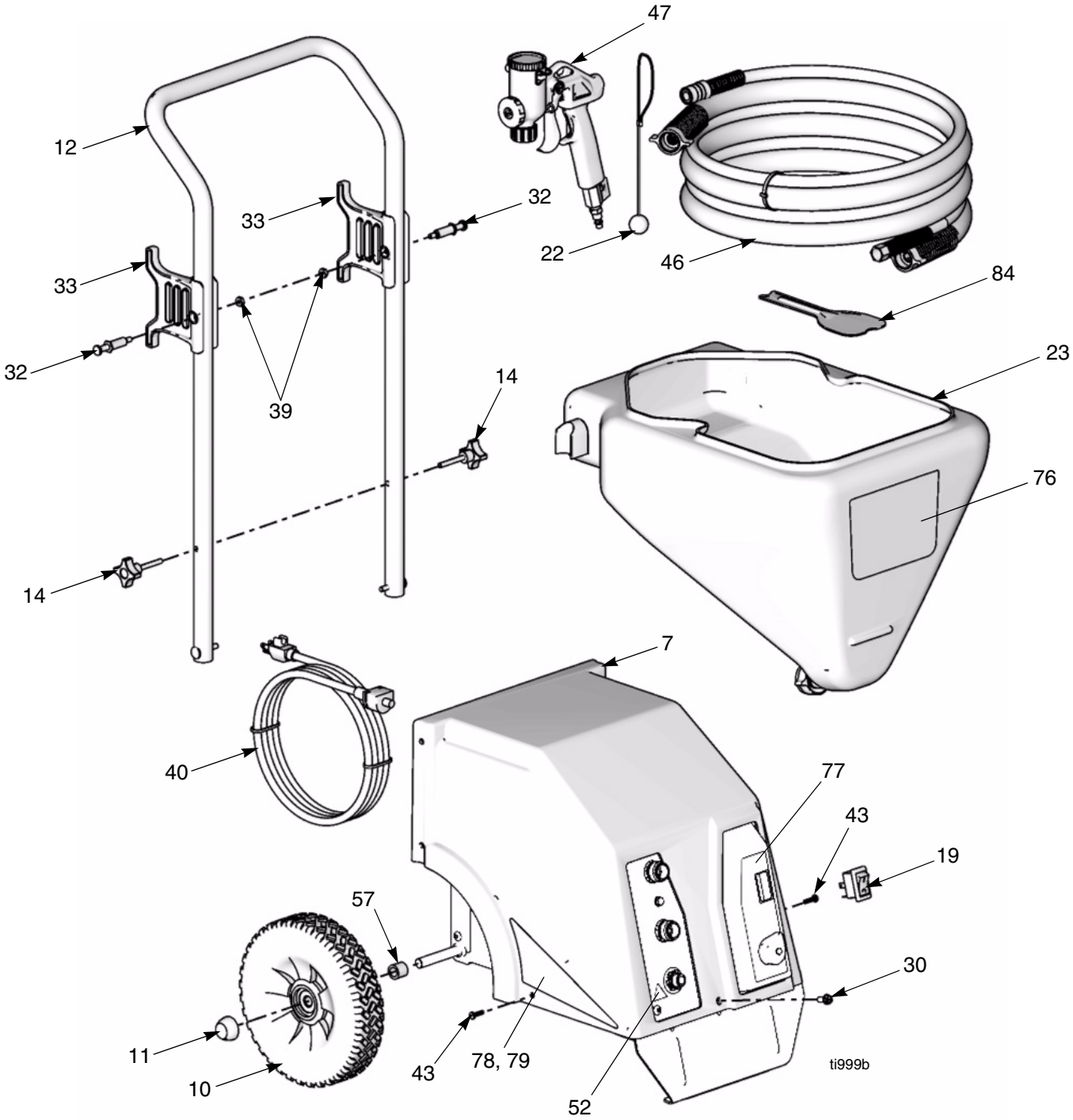


Air Diagram



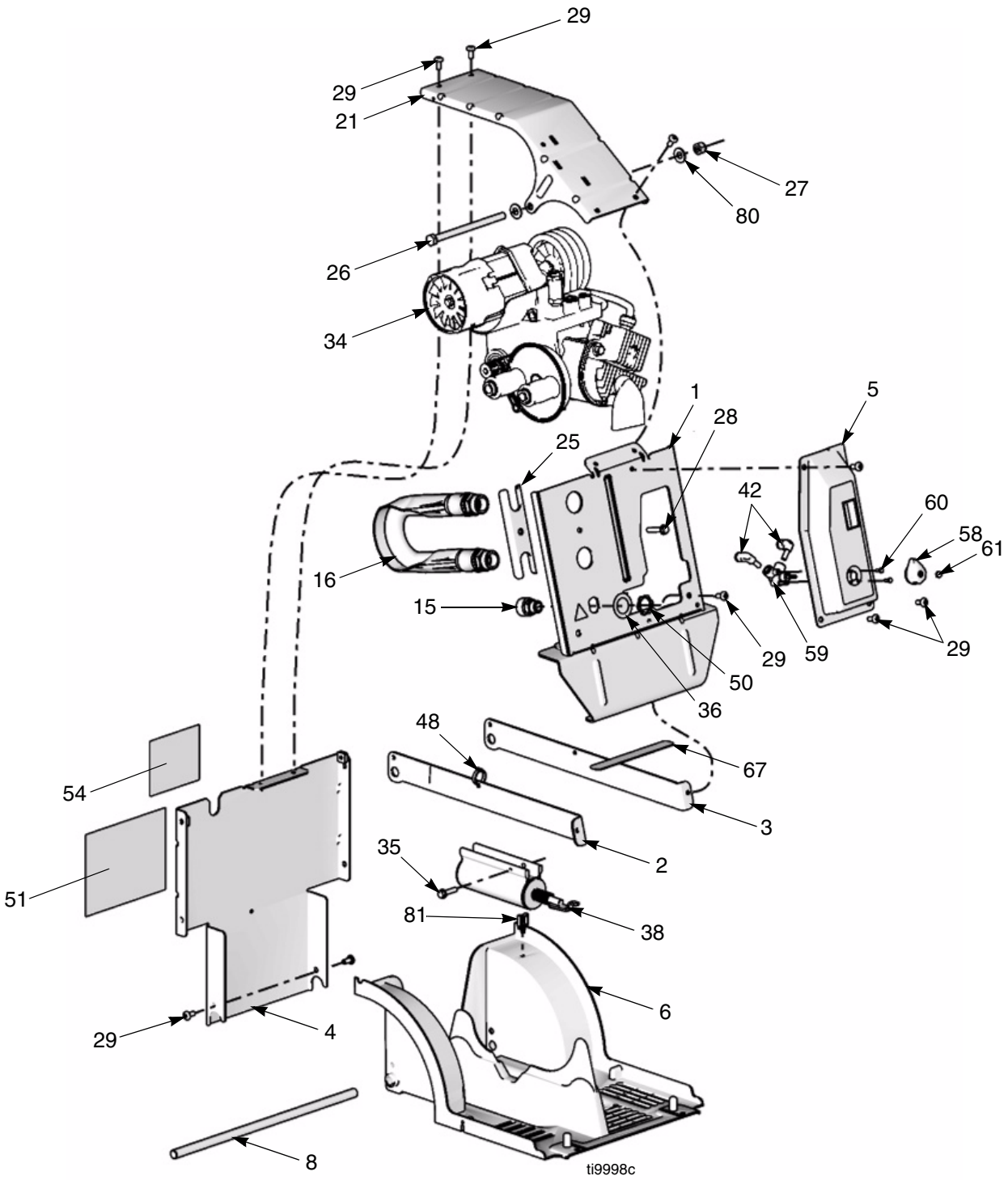
Parts

Models 254983



Parts

Models 254983



Parts

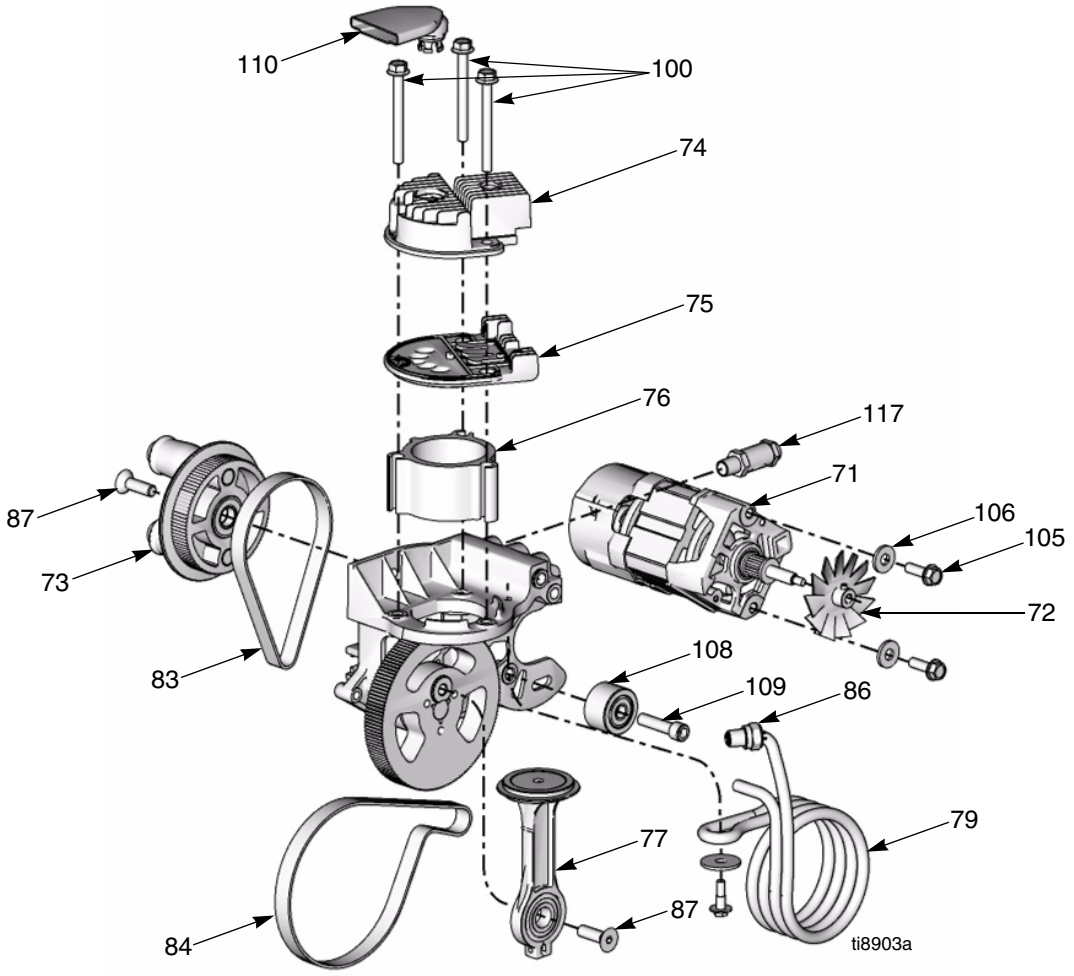
Models 254983

Ref.	Part	Description	Qty.
1	15R254	FRAME	1
2	15H607	FRAME, bottom, right	1
3	15H606	FRAME, bottom, left	1
4	288390	FRAME, back, texfinish, black	1
5	15J665	PANEL, control, texfinish, black	1
6	277319	SHIELD, bottom	1
7	288903	SHIELD, top	1
8	15H136	ROD, axle, texfinish	1
10	115095	WHEEL, 9	2
11	112612	CAP, hub	2
12	288313	HANDLE, painted	1
14	15H641	KNOB	2
15	288336	FITTING, bulkhead, assembly	1
16	288623	HOSE, pump (Roto-Flex™)	1
19	120660	SWITCH	1
20	15H240	BAG, mesh	1
21	15H910	BRACKET, pump	1
22	15C090	GAUGE, thickness, fluid	1
23	288162	HOPPER, 8 gallon	1
25	15J500	BRACKET, hose	1
26	105240	SCREW, cap hex hd	1
27	113981	NUT, lock, high tensile	1
28	120444	SCREW, hex hd, flanged	1
29	117630	SCREW, torx, tri lob	12
30	117633	SCREW, slot hex wash hd	1
32	15K289	BOLT, cord hanger	2
33	15K284	HANGER, cord	2
34	288856	COMPRESSOR, pump assembly, 45 psi	1
35	120236	SCREW, shoulder	1
36	120731	WASHER, flat, thin	1
38	289591	CYLINDER	1
39	100015	NUT, hex, jam	2
40	15J758	CORD, power	1
42	113318	FITTING, elbow, plug in	2
43	120994	SCREW, mach, pnh	2
44	276906	HOPPER, texture, .75 GAL	1
45	288905	GUN, spray, texture, w/hopper	1
45a	287967	PIN, gun clip	1
45b	234188	CLAMP	1
45c	15B167	PLUG, gun	1
46	234149	HOSE	1
47	255170	GUN, spray	1
48	103473	STRAP, tie, wire	2
49	115498	SCREW, mach, slot hex wash hd	2
50	104227	NUT, lock	1
51▲	15H841	LABEL	1
52▲	15K616	LABEL, caution	1
54▲	15H868	LABEL	1
55	120751	TUBE, air, .250 od	1
56	120752	TUBE, air, .250 od	1
57	195367	SPACER	2
58	288756	KIT, repair, knob (includes 58, 61)	1
59	288757	KIT, repair, regulator (includes 59, 60)	1
60	120744	SCREW, #6 pan, tri lobe	2
61	120637	NUT, acorn	1
67	120759	PAD, non-slip, foot	1
76	15K586	LABEL, hopper ASM	1
77	15K330	LABEL, control ASM	1
78	15M096	LABEL, side left ASM	1
79	15M097	LABEL, side right ASM	1
80	120215	WASHER, belleville	2
81	117727	CLIP, wire	1
84	15H912	GUARD, burp	1
85	120567	TUBE, air, .250 OD	1

▲ *Additional warning labels are available at no cost.*

Parts

Compressor 288856



Ref.	Part	Description	Qty.
	288856	KIT, repair, compressor, complete; (includes all items)	
	288612	KIT, repair, compressor, rebuild (includes 100, 74, 86, 75, 76, 77, 87)	
71	288613	KIT, repair, motor, universal, 120v (includes 71, 84, 105, 106)	1
72	120466	FAN	1
73	288616	KIT, repair, pulley, w/rollers (includes 73, 83, 87)	1
74	288746	HEAD, compressor (includes 74, 75)	1
75	288610	KIT, repair, plate, valve (includes 76)	1
76		CYLINDER, compressor	1
77	288609	KIT, repair, piston/cylinder (includes 75, 76, 77, 87)	1

Ref.	Part	Description	Qty.
79	288614	KIT, repair, cooler (includes 79, 86)	1
83	120234	BELT	1
84	120233	BELT	1
86	120245	FITTING	1
87	120204	SCREW, mach, hex flat head	2
95	120593	SCREW, mach, torx pan hd	3
100	120229	SCREW, hex flange	3
101	118890	SCREW, shoulder	1
102	120659	WASHER, flat	1
105	260215	SCREW, hex hd	2
106	100023	WASHER, flat	2
108	288611	KIT, repair, idler (includes 108, 84)	1
109	104272	SCREW, cap, sch	1
110	15H940	FITTING, muffler, intake	1
117		VALVE, pressure relief	1
	120257	Zip-Tex™ 900 Models (Compressor 288856)	

Technical Data

Main unit power requirements	120 Vac, 60 Hz, 15A, 1 phase
Maximum fluid working pressure	60 psi, (4.2 bar)
Maximum air working pressure	50 psi, (3.5 bar)
Compressor specifications	Universal motor thermally protected, oil-less
Compressor air displacement	4.0 scfm at 45 psi
Generator required	3500W minimum
Electric Motor	Universal AC 14 Amp 1.5 Hp
Power Cord	16 AWG, 3-wire, 25 ft
Material hopper capacity	Model 254983: 8 gallons Gun material hopper: 3/4 gallon
Maximum delivery with texture	Zip-Tex™ 900 - 0.9 gpm (3.4 lpm)
Dimensions: Zip-Tex™ 900	
Length	23 in. (584 mm) with handle
Width	15.5 in. (393 mm)
Height	40.5 in. (1028 mm)
Weight (includes hose and gun)	60 lb (27.2 kg)
Wetted parts	brass, aluminum, plastic
Sound data	
Sound pressure level*	83.2 dB(A)
Sound power level**	97.5 dB(A)
Storage Temperature Range	35°F - 160°F (1.6°C - 71°C)
Operating Temperature Range	40°F - 115°F (4°C - 46°C)
Gun:	
Maximum Working Pressure	70 psi (4.9 bar)
Air Maximum Working Pressure	100 psi (6.895 bar)
CFM Rating	3.5 - 11 CFM
Weight	1.1 lb (500 g)

* Measured while spraying at 1 m
** Measured per ISO-3744

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ASM warrants all equipment referenced in this document which is manufactured by ASM and bearing its name to be free from defects in material and workmanship on the date of sale by an authorized ASM distributor to the original purchaser for use. With the exception of any special, extended, or limited warranty published by ASM, ASM will, for a period of twelve months from the date of sale, repair or replace any part of the equipment determined by ASM to be defective. This warranty applies only when the equipment is installed, operated and maintained in accordance with ASM's written recommendations.

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This warranty is conditioned upon the prepaid return of the equipment claimed to be defective to an authorized ASM distributor for verification of the claimed defect. If the claimed defect is verified, ASM will repair or replace free of charge any defective parts. The equipment will be returned to the original purchaser transportation prepaid. If inspection of the equipment does not disclose any defect in material or workmanship, repairs will be made at a reasonable charge, which charges may include the costs of parts, labor, and transportation.

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